Setup Guide — SW RGBHV Series Switchers

This guide provides quick start instructions for an experienced installer to set up and operate the SW RGBHV and SW RGBHV A switchers.

IMPORTANT: Refer to www.extron.com for the complete user manual and installation instructions before connecting the product to the power source.

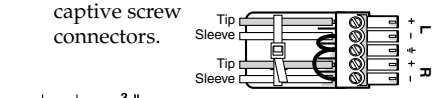
Installation

Step 1 — Mounting

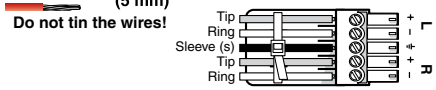
Turn off or disconnect all equipment power sources and mount the switcher as required.

Step 2 — Inputs

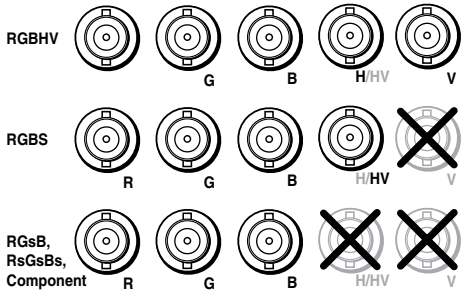
- Connect up to 2, 4 or 6 RGBHV, RGBS, RGsB, or RsGsBs video or component video inputs to the Input connectors.
- **Audio models** — Connect up to 2, 4 or 6 stereo or mono audio inputs to the 5-pin captive screw connectors.



Unbalanced Stereo Input

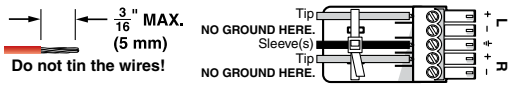


Balanced Stereo Input

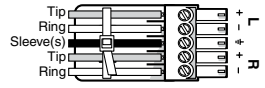


Step 3 — Outputs

- Connect an RGBHV, RGBS, RGsB, or RsGsBs video or component video display or other device to the Output connectors. Make connections as shown for step **3**.
- **Audio models** —Connect a balanced or unbalanced stereo audio or mono audio device to the 5-pin captive screw connector.



Unbalanced Stereo Output

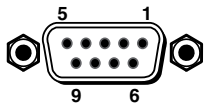


Balanced Stereo Output

CAUTION *Connect the sleeves to ground (Gnd). Connecting the sleeve to a negative (-) terminal will damage the audio output circuits.*

Step 4 — Remote port

Connect a host device, such as a computer or touch panel control via RS-232, **OR** connect a remote contact closure device to the switcher via the 9-pin D connector for remote control of the switcher. To command a switch under contact closure control, momentarily short an input's pin on the remote connector to ground (the switcher must be in normal [manual] mode).



Female

RS-232 Protocol:
9600 Baud, 8, N, 1

Pin	RS-232	Contact closure	Function
1	—	In #1	Input #1
2	TX	—	Transmit data (-)
3	RX	—	Receive data (+)
4	—	In #2	Input #2
5	Gnd	Gnd	Signal ground
6	—	In #3	Input #3
7	—	In #4	Input #4
8	—	In #5	Input #5
	—	In #6	Input #6

NOTE *For complete descriptions of remote control of the switcher using the applicable Simple Instruction Set (SIS™) commands and/or the Universal Switcher Control Program, refer to the full* SW RGBHV Switchers User's Manual, *available at www.extron.com.*

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Step 5 — Power

Plug a standard IEC power cord between the switcher's power connector and a 100 VAC to 240 VAC, 50 or 60 Hz power source.

Operation

Switch mode

Set the rear panel switch to Auto for autoswitch mode (the switcher automatically switches to the highest-numbered input with a sync signal present) or Normal for manual switch mode. The front panel Auto Switch Active LED lights when the switcher is in autoswitch mode.

Switch inputs in normal switch mode

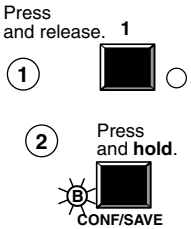
Press and release the desired input button.

Adjust audio level (audio models)

You can set the input level of audio gain or attenuation via the front panel or the Remote port to be compatible with a wide range of line level sources. Individual input audio levels can be adjusted so that there is no noticeable volume difference among sources. This function also eliminates the need for separate preamps or attenuators, when used with professional (higher line level) and consumer (lower line level) audio equipment.

Adjust the audio from the front panel as follows:

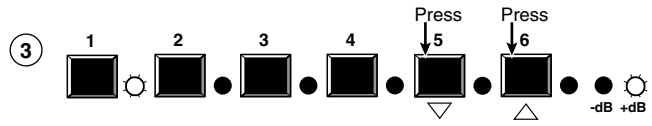
1. Press and release the desired input button.
2. Press and hold the Audio Conf./Save button until the Audio Conf./Save LED begins to blink. The approximate level is indicated by the input LEDs and the polarity by the ±dB LEDs.



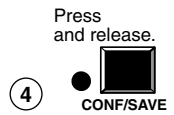
NOTE *The input LEDs display the approximate level of attenuation.*
The +dB LED indicates the level is gain (positive).
The - dB LED indicates the level is attenuation (negative).

For details about reading the displayed value, refer to the full SW RGBHV Switchers User's Manual, *available at www.extron.com.*

3. Press and release the ▲ and ▼ buttons to increase and decrease the audio level by 1 dB per push of the button, or press and hold the buttons to increase or decrease the level by 3 dB per second.



4. Press and release the Audio Conf./Save button to exit. The Audio Conf./Save LED goes out.



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